

SECRET

CONFIDENTIAL

997065

UNCLASSIFIED

CONTRACT INSPECTION REPORT

CONTRACT NO.

TASK NO.

25X1

TO:

CONTRACT ADMINISTRATION & SETTLEMENT
BRANCH/PD/OL

DATE

14 August 1967

INSPECTION REPORT NO. (If final, so state)

14.

ESTIMATED COMPLETION DATE

30 December 1967

NAME OF CONTRACTOR

Corning Glass Works

TYPE OF COMMODITY OR SERVICE

Improved Rear Projection Screen

THE CONTRACTOR IS ON SCHEDULE

☒ YES

☐ NO

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☒ YES ☐ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.

PER CENT OF WORK COMPLETED - 90%

PER CENT OF FUNDS EXPENDED - 93.5%

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☐ YES ☒ NO (If yes, give details on reverse side.)

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO (If yes, indicate items, quantity, and cost on reverse side.)

INCENTIVES

IS THIS AN INCENTIVE CONTRACT
IF YES, CHECK TYPE

☐ YES

☒ NO

☐ COST

☐ AWARD
FEE

☐ PERFORMANCE

☐ DELIVERY

NOTE:

USE REVERSE SIDE FOR COMMENTS.

FINAL REPORT MUST CONTAIN INCENTIVE EVALUATION.

OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING

4. ☒ ABOVE AVERAGE

7. ☐ UNSATISFACTORY

2. ☐ EXCELLENT

5. ☐ AVERAGE

3. ☐ VERY GOOD

6. ☐ MINIMUM ACCEPTABLE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR MINIMUM ACCEPTABLE INDICATE REASONS ON REVERSE SIDE.

RECOMMENDED ACTION



CONTINUE AS PROGRAMMED



WITHHOLD PAYMENT PENDING
SATISFACTORY PERFORMANCE



TERMINATE



OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT PUT COMMENTS ON REVERSE IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

| ITEM | REC'D | DOES NOT APPLY | ITEM | REC'D | DOES NOT APPLY |
|--------------------------------------|-------|-------------------|---------------------------|-------|-------------------|
| PROTOTYPES | | | MANUALS | | |
| DRAWINGS AND SPECIFICATIONS | | | FINAL REPORT | | |
| PRODUCTION AND/OR OTHER END ITEMS | | | SPECIAL TOOLING | | |
| | | | OTHER GOVERNMENT PROPERTY | | |

DATE OF LAST CONTACT WITH CONTRACTOR

10 August 1967

SIGNATURE OF INSPECTOR

DIVISION

25X1

FORM
8-66

1897

USE
PREVIOUS
EDITION

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(12-36)

NARRATIVE REPORT

☒ INTERIM☐ FINAL

1. On 10 August 1967 an inspection visit was made. [REDACTED]

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a. The HPIC/TDS representatives were informed that Corning has approximately [REDACTED] of the contract allocation remaining unspent. They also stated that they intended to request a time extension until the end of December. This request will not involve an additional commitment of funds.

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b. [REDACTED] stated that the program has progressed a point where additional materials scientists are needed; therefore, Dr. [REDACTED] will be assigned to the effort.

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c. Corning has finally derived an MTF analysis of some of the materials under consideration. Although the automatic MTF analyzer was not functioning, manual measurements were made. This information was presented showing the MTF curves of various Corning and competitive materials. The curves were comprised of at least four points. Corning claims the data is reliable to within $\pm 10\%$ and has been repeatedly reproduced.

d. Effort is continuing on fabrication of a beaded screen; however, difficulties are continuing in the area of marking of the beads.

e. Corning will make MTF measurements both on-axis as they are presently doing and also off-axis. The off-axis measurements will be made with combinations of viewing angles up to $\pm 45^\circ$ and projection angles up to $\pm 22^\circ$.

f. Corning's future effort will concentrate on the following: (1) On maximizing the screen sample size, (2) On collecting and improving the physical measurements, and (3) Continuing investigation on the following screen materials - glass bead, fotoform, ceramic, drawn glass.

g. HPIC agreed to try to provide information concerning a source for a positive photosensitive material with a high optical density.

2. Another visit is planned for late September when a discussion concerning the presentation of measurements will be completed.

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